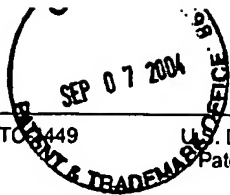


|  |  |                                       |                               |
|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><br><b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>07977-291001 | Application No.<br>10/043,786 |
|  | Applicant<br>Satoshi Seo et al.                            |                                       |                               |
|  | Filing Date<br>January 10, 2002                            | Group Art Unit<br>2879                |                               |

| U.S. Patent Documents |               |                      |                     |                          |       |          |                            |
|-----------------------|---------------|----------------------|---------------------|--------------------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID     | Document Number      | Publication Date    | Patentee                 | Class | Subclass | Filing Date If Appropriate |
| S.R.                  | AA            | 3,654,525            | 04/1972             | Maricle et al.           | 317   | 230      | 10/23/65                   |
| S.R.                  | AB            | 5,017,863            | 05/1991             | Mellitz                  | 324   | 158 R    | 10/20/99                   |
| S.R.                  | AC            | 5,039,657            | 08/1991             | Goldman, et al.          | 505   | 1        | 9/5/90                     |
| S.R.                  | AD            | 5,170,990            | 12/1992             | Kamiya et al.            | 251   | 210      | 11/30/90                   |
| S.R.                  | AE            | 5,256,945            | 10/1993             | Imai et al.              | 313   | 504      | 12/13/91                   |
| *                     | <del>AF</del> | <del>5,281,489</del> | <del>01/25/94</del> | <del>Mori et al.</del>   |       |          |                            |
| S.R.                  | AG            | 5,817,431            | 10/1998             | Shi et al.               | 428   | 690      | 12/23/96                   |
| S.R.                  | AH            | 5,858,563            | 01/1999             | Sano et al.              | 428   | 690      | 2/20/96                    |
| *                     | <del>AI</del> | <del>5,925,472</del> | <del>07/1999</del>  | <del>Hu et al.</del>     |       |          |                            |
| S.R.                  | AJ            | 5,989,737            | 11/1999             | Xie et al.               | 428   | 690      | 2/27/97                    |
| S.R.                  | AK            | 6,030,715            | 02/2000             | Thompson et al.          | 428   | 690      | 10/9/97                    |
| S.R.                  | AL            | 6,097,147            | 08/2000             | Baldo et al.             | 313   | 506      | 9/14/98                    |
| S.R.                  | AM            | 6,132,280            | 10/2000             | Tanaba et al.            | 445   | 58       | 10/27/99                   |
| S.R.                  | AN            | 6,215,462            | 04/2001             | Yamada et al.            | 345   | 76       | 9/1/98                     |
| S.R.                  | AO            | 6,228,228            | 05/2001             | Singh et al.             | 204   | 192.1    | 10/15/99                   |
| S.R.                  | AP            | 6,237,529            | 05/2001             | Spahn                    | 118   | 726      | 3/3/00                     |
| S.R.                  | AQ            | 6,275,649            | 08/2001             | Nagashima et al.         | 392   | 389      | 1/7/00                     |
| S.R.                  | AR            | 6,284,050            | 09/2001             | Shi et al.               | 118   | 715      | 5/18/98                    |
| *                     | <del>AS</del> | <del>6,285,039</del> | <del>09/2001</del>  | <del>Kobori et al.</del> |       |          |                            |
| S.R.                  | AT            | 6,310,360            | 10/2001             | Forrest et al.           | 257   | 20 40    | 7/21/99                    |
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| *                     | <del>AX</del> | <del>6,392,250</del> | <del>05/2002</del>  | <del>Aziz et al.</del>   |       |          |                            |
| S.R.                  | AY            | 6,413,656            | 07/2002             | Thompson et al.          | 428   | 690      | 9/14/98                    |
| S.R.                  | AZ            | 6,432,255            | 08/2002             | Sun et al.               | 156   | 345      | 1/31/00                    |

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|--|----------------------------|
| Examiner Signature<br><i>Sikha Roy</i>   | Date Considered<br>9/27/04 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                            |

\* Cited before.



|  |  |                                       |                               |
|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><br><b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>07977-291001 | Application No.<br>10/043,786 |
|  | Applicant<br>Satoshi Seo et al.                            |                                       |                               |
|  | Filing Date<br>January 10, 2002                            | Group Art Unit<br>2879                |                               |

| U.S. Patent Documents |           |                            |                    |                       |                |                |                            |
|-----------------------|-----------|----------------------------|--------------------|-----------------------|----------------|----------------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number            | Publication Date   | Patentee              | Class          | Subclass       | Filing Date If Appropriate |
| S.R.                  | BA        | 6,458,475                  | 10/2002            | Adachi et al.         | 428            | 690            | 11/24/99                   |
|                       | BB        | 6,468,676                  | 10/2002            | Ueda et al.           | 428            | 690            | 2/1/00                     |
|                       | BC        | 6,495,198                  | 12/2002            | Peng                  | 427            | 66             | 1/17/01                    |
|                       | BD        | 6,517,996                  | 02/2003            | Chao et al.           | 430            | 321            | 11/17/00                   |
|                       | BE        | 6,528,824                  | 03/2003            | Yamagata et al.       | 257            | 81             | 6/27/01                    |
|                       | BF        | 6,541,909                  | 04/2003            | Motomatsu             | 313            | 504            | 3/2/00                     |
|                       | BG        | 6,603,140                  | 08/2003            | Kobori et al.         | 257            | 40             | 3/14/01                    |
|                       | BH        | 6,614,175                  | 09/2003            | Aziz et al.           | 313            | 504            | 1/26/01                    |
|                       | BI        | 2001-0051207 A1            | 12/2001            | Yamagata et al.       | 427            | 58             | 5/10/01                    |
|                       | BJ        | 2002-0018912 A1            | 02/2002            | Jung et al.           | 428            | 690            | 1/3/01                     |
|                       | BK        | 2002-0038867 A1            | 04/2002            | Kobori et al.         | 257            | 40             | 3/14/01                    |
|                       | BL        | 2002-0074935 A1            | 06/2002            | Kwong et al.          | 313            | 504            | 12/15/00                   |
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|                       | BN        | 2002-0086180 A1            | 07/2002            | Seo et al.            | 428            | 690            | 12/21/01                   |
| **                    | BO        | <del>2002-0093283 A1</del> | <del>07/2002</del> | <del>Seo et al.</del> | <del>313</del> | <del>504</del> |                            |
|                       | BP        | 2002-0101154 A1            | 08/2002            | Seo et al.            | 313            | 506            | 1/29/02                    |
|                       | BQ        | 2002-0105005 A1            | 08/2002            | Seo et al.            |                |                |                            |
|                       | BR        | 2002-0109136 A1            | 08/2002            | Seo et al.            |                |                |                            |
|                       | BS        | 2002-0113546 A1            | 08/2002            | Seo et al.            |                |                |                            |
|                       | BT        | 2002-0121860 A1            | 09/2002            | Seo et al.            |                |                |                            |
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| ✓                     | BW        | 2003-0010288 A1            | 01/2003            | Yamazaki et al.       |                |                |                            |
| S.R.                  | BX        | 2003-0118950 A1            | 06/2003            | Chao et al.           |                |                |                            |
|                       | BY        |                            |                    |                       |                |                |                            |
|                       | BZ        |                            |                    |                       |                |                |                            |
|                       | CA        |                            |                    |                       |                |                |                            |

Examiner Signature

Sikha Roy

Date Considered

9/27/04

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\*\* Present Application

SEP 07 2004

Sheet 3 of 3

|   |  |                                       |                               |
|---|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><b>Information Disclosure Statement<br/>         by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>07977-291001 | Application No.<br>10/043,786 |
|   | Applicant<br>Satoshi Seo et al.                            |                                       |                               |
|   | Filing Date<br>January 10, 2002                            | Group Art Unit<br>2879                |                               |

| U.S. Patent Documents |           |                 |                  |          |       |          |                            |
|-----------------------|-----------|-----------------|------------------|----------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|                       | CB        |                 |                  |          |       |          |                            |
|                       | CC        |                 |                  |          |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |           |             |    |
|---|-----------|-----------------|------------------|--------------------------|-------|-----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Sub-class | Translation |    |
|   |           |                 |                  |                          |       |           | Yes         | No |
| S.R.  | CD        | TW - 366598     | 08/1999          | TAIWAN                   |       |           | FULL        |    |
| S.R.  | CE        | EP 1 220 340    | 07/03/02         | EUROPE                   |       |           | ENGLISH     |    |
| S.R.  | CF        | JP 03-114197    | 05/1991          | JAPAN                    |       |           | ABS         |    |
| S.R.  | CG        | JP 2001-023776  | 01/2001          | JAPAN                    |       |           | ABS         |    |
| S.R.  | CH        | TW 451601       | 08/2001          | TAIWAN                   |       |           | ABS         |    |
| S.R.  | CI        | WO 02/47457     | 06/20/02         | WIPO                     |       |           | ENGLISH     |    |
| S.R.  | CJ        | WO 98/08360     | 02/1998          | WIPO                     |       |           | ABS         |    |
|   | CK        |                 |                  |                          |       |           |             |    |
|   | CL        |                 |                  |                          |       |           |             |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |          |
|---|-----------|----------|
| Examiner Initial  | Desig. ID | Document |
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|   | CN        |          |

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